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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Basil S. Shorosh et al. Art Unit : 1642
Serial No. : 10/758,064 Examiner : Unknown
Filed : January 15, 2004
Title : PLANTS CONTAINING A CYTOSOLIC ACETYL COA-CARBOXYLASE
NUCLEIC ACID

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of cited references (2 references); and
4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

August 13, 2004

M. Angela Parsons

M. Angela Parsons, Ph.D.

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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing date of U.S. Application No. 09/839,477, filed on April 20, 2001. All the references on the attached form PTO-1449 were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application with the exception of references Desig. ID AD, AO, and AFF, of which copies are provided.

This statement is being filed before the receipt of a first Office Action on the merits.
Please apply any charges or credits to Deposit Account No. 06-1050.

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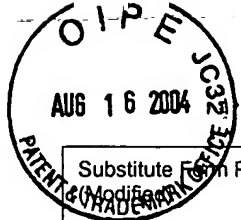
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07148-094002	Application No. 10/758,064
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Basil Shorosh et al.	
		Filing Date January 15, 2004	Group Art Unit 1642

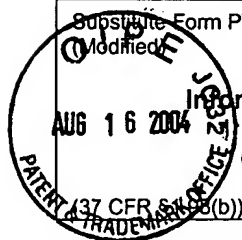
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,498,544	03/12/96	Gengenbach et al.			
	AB	5,539,092	07/23/96	Haselkorn et al.			
	AC	5,559,220	09/24/96	Roessler et al.			
	AD	5,641,666	06/24/97	Vahlensieck et al.			
	AE	5,756,290	05/26/98	Haselkorn et al.			
	AF	5,792,627	08/11/98	Haselkorn et al.			
	AG	5,801,233	09/01/98	Haselkorn et al.			
	AH	5,854,420	12/29/98	Ashton et al.			
	AI	5,910,626	06/08/99	Haselkorn et al.			
	AJ	5,925,805	07/20/99	Ohlrogge et al.			
	AK	5,962,767	10/05/99	Ohlrogge et al.			
	AL	5,972,644	10/26/99	Haselkorn et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AM							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AN	Ashton et al., "Molecular cloning of two different cDNAs for maize acetyl CoA carboxylase," <u>Plant Mol. Biol.</u> , 1994, 24:35-49
	AO	Betty et al., "Purification and Characterization of Acetyl CoA Carboxylase from Developing Pea Embryos," <u>J. Plant Physiol.</u> , 1992, 140:513-520
	AP	Charles and Cherry, "Purification and Characterization of Acetyl-CoA Carboxylase from Developing Soybean Seeds," <u>Phytochemistry</u> , 1986, 25(5):1067-1071
	AQ	DeHaye et al., "Kinetics of the two forms of acetyl-CoA carboxylase from <i>Pisum sativum</i> ," <u>Eur. J. Biochem.</u> , 1994, 225:1113-1123
	AR	Egin-Bühler and Ebel, "Improved Purification and Further Characterization of Acetyl-CoA Carboxylase from Cultured Cells of Parsley (<i>Petroselinum hortense</i>)," <u>Eur. J. Biochem.</u> , 1983, 133:335-339
	AS	Egli et al., "Characterization of Maize Acetyl-Coenzyme A Carboxylase," <u>Plant Physiol.</u> , 1993, 101:499-506

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supp. Form PTO-1449 Modified	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07148-094002	Application No. 10/758,064
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Basil Shorrosh et al.	
		Filing Date January 15, 2004	Group Art Unit 1642


Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	Elborough et al., "Isolation of cDNA's from <i>Brassica napus</i> encoding the biotin-binding and transcarboxylase domains of acetyl-CoA carboxylase: assignment of the domain structure in a full-length <i>Arabidopsis thaliana</i> genomic clone," <u>Biochem. J.</u> , 1994, 301:599-605
	AU	Gornicki and Haselkorn, "Wheat acetyl-CoA carboxylase," <u>Plant Mol. Biol.</u> , 1993, 22:547-552
	AV	Gornicki et al., "Wheat acetyl-coenzyme A carboxylase: cDNA and protein structure," <u>Proc. Natl. Acad. Sci. USA</u> , 1994, 91:6860-6864
	AW	Ha et al., "Cloning of human acetyl-CoA carboxylase cDNA," <u>Eur. J. Biochem.</u> , 1994, 219:297-306
	AX	Nikolau and Hawke, "Purification and Characterization of Maize Leaf Acetyl-coenzyme A Carboxylase," <u>Arch. Biochem. Biophys.</u> , 1984, 228:86-96
	AY	Page et al., "Acetyl-CoA carboxylase exerts strong flux control over lipid synthesis in plants," <u>Biochim. Biophys. Acta</u> , 1994, 1210:369-372
	AZ	Pollard and Stumpf, "Biosynthesis of C ₂₀ and C ₂₂ Fatty Acids by Developing Seeds of <i>Limnanthes alba</i> ," <u>Plant Physiol.</u> , 1980, 66:649-655
	AAA	Post-Beittenmiller et al., "Regulation of Plant Fatty Acid Biosynthesis," <u>Plant Physiol.</u> , 1992, 100:923-930
	ABB	Roesler et al., "Structure and Expression of an <i>Arabidopsis</i> Acetyl-Coenzyme A Carboxylase Gene," <u>Plant Physiol.</u> , 1994, 105:611-617
	ACC	Roesler et al., "Co-purification, co-immunoprecipitation, and coordinate expression of acetyl-coenzyme A carboxylase activity, biotin carboxylase, and biotin carboxyl carrier protein of higher plants," <u>Planta</u> , 1996, 198:517-525
	ADD	Roesler et al., "Targeting of the Arabidopsis Homomeric Acetyl-Coenzyme A Carboxylase to Plastids of Rapeseeds," <u>Plant Physiol.</u> , 1997, 113:75-81
	AEE	Roessler and Ohlrogge, "Cloning and Characterization of the Gene That Encodes Acetyl-coenzyme A Carboxylase in the Alga <i>Cyclotella cryptica</i> ," <u>J. Biol. Chem.</u> , 1993, 268(26):19254-19259
	AFF	Roughan and Ohlrogge, "Evidence That Isolated Chloroplasts Contain an Integrated Lipid-Synthesizing Assembly that Channels Acetate into Long-Chain Fatty Acids," <u>Plant Physiol.</u> , 1996, 110:1239-1247
	AGG	Schulte et al., "A Gene Encoding Acetyl-Coenzyme A Carboxylase from <i>Brassica napus</i> ," <u>Plant Physiol.</u> , 1994, 106:793-794
	AHH	Schulte et al., "Multi-functional acetyl-CoA carboxylase from <i>Brassica napus</i> is encoded by a multi-gene family: Indication for plastidic localization of at least one isoform," <u>Proc. Natl. Acad. Sci. USA</u> , 1997, 94:3465-3470
	AII	Shorrosh et al., "Molecular cloning, characterization, and elicitation of acetyl-CoA carboxylase from alfalfa," <u>Proc. Natl. Acad. Sci. USA</u> , 1994, 91:4323-4327
	AJJ	Shorrosh et al., "Structural Analysis, Plastid Localization, and Expression of the Biotin Carboxylase Subunit of Acetyl-Coenzyme A Carboxylase from Tobacco," <u>Plant Physiol.</u> , 1995, 108:805-812

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